



Specification

GR5504 Glaring sparkle wine red

Edition: YZ2019-01TDS

Assays			Values		Method
Content	CAS-NO.	CI-NO.			
Synthetic Mica	12003-38-2		80 ~ 85	wt%	YUNZHU
Fe ₂ O ₃	1309-37-1	77491	15 ~ 20	wt%	YUNZHU

Visual evaluation

Color		pass		YUNZHU
Luster		pass		YUNZHU
Density		2.7~ 3.2	g /cm ³	ISO 787-10
Bulk density		33 ~ 38	g /100ml	DIN 53466
Particle size	80 % within the range 60-320 μm	pass		Laser diffraction
PH – value	10 % aqueous slurry	5~9		ISO 787-9
Loss on drying	105 °C	< 0.5	wt %	ISO 787-2
Oil absorption		50 ~ 90 g oil/100g powder		ISO 787-5
Heavy metals				
	Pb	≤ 10	ppm	YUNZHU
	As	≤ 2	ppm	YUNZHU
	Hg	≤ 1	ppm	YUNZHU
	Cd	≤ 1	ppm	YUNZHU
	Sb	≤ 2	ppm	YUNZHU
	Cr	≤ 100	ppm	YUNZHU
	Cu	≤ 50	ppm	YUNZHU
	Ni	≤ 10	ppm	YUNZHU

Microorganisms

Aerobic bacteria	≤ 100	CFU /g	YUNZHU
Yeasts and moulds	≤ 100	CFU /g	YUNZHU
Gram negative bacteria	absent in 1 g		YUNZHU
Staphylococcus aureus	absent in 1 g		YUNZHU

Note: This colorant conforms to the regulations 1223/2009, EU231/2012 and FDA 21 CFR 73.

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